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UTILITY PATENT

 APPLICATION TRANSMITTAL (Only for new nonprovisional applications

under 37 CFR 1.53(b))

COOLANT AND MACHINING DEVICE UTILIZING

First Named Inventor or Application Identifier

Takeki SHIRAI, Hidekazu MICHIOKA, Yuuichi KATAYAMA, Shigetoshi KOBUCHI and Makoto KUMADA

030937

Express Mail Label No.

Attorney Docket No.

ADDRESS TO:

Commissioner for Patents MAIL STOP PATENT APPLICATION

Total Pages

P. O. Box 1450 Alexandria, VA 22313-1450

1. [XX] Fee Transmittal Form (Incorporated within this form) (The filing fee is deferred).

2. [XX] Specification

SAME

Check Box, if applicable [] Duplicate

APPLICATION ELEMENTS FOR:

Total Pages [18]

3. [XX] Drawing(s) (35 USC 113)

Total Sheets [4]

4. [] Oath or Declaration

Total Pages []

NOT attached; deferred under P.L. 97-247.

- a. [] Newly executed (original)
- b. [] Copy from prior application (37 CFR 1.63(d) (for continuation/divisional with Box 17 completed).
- i. Deletion of Inventor(s)

Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Incorporation by reference (useable if box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

- 6. [] Microfiche Computer Program (Appendix)
- 7. [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. [] Computer Readable Copy
 - b. [] Paper Copy (identical to computer copy)
 - c. [] Statement Verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet and document(s)) to: THK CO., LTD., Tokyo-to, Japan Please publish the assignee data with the application.

9. [] 37 CFR 3.73(b) Statement (when there is an assignee)

[] Power of Attorney

08/20/03

UTILITY PATENT APPLICATION TRANSMITTAL

[] English translation Document (if applicable)
 [] Information Disclosure Statement [

Attorney Docket No.

030932

(Only for new nonprovisional applications under 37 CFR 1.53(b))

First Named Inventor or Application Identifier

Takeki SHIRAI, Hidekazu MICHIOKA, Yuuichi KATAYAMA, Shigetoshi KOBUCHI and Makoto KUMADA

\$40.00

\$\$4.00 \$874.00

PAGE 2 OF 3

[] Copies of IDS Citations

12. [] Preliminary Amendment				
13. [XX] Return Receipt Postcard (MPEP 503)				
14. [] Small Entity Status is claimed.				
15. [XX] Claim for Convention Priority [1] Certified copy of Priority Document is enclosed.				
a. Priority of Japanese Application No. 2003-038008 filed on February 17, 2003 is claimed under 35 USC 119.				
16. [] Other				
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:				
[] Continuation [] Division [] Continuation-in-part (CIP) of prior application no/				
FEE TRANSMITTAL	Number Filed	Number Extra	Rate	Basic
The filing fee is calculated below				Fee \$750.00
Total Claims	6 - 20		x \$18.00	
Independent Claims	4 -3	11	x \$84.00	\$84.00
Multiple Dependent Claims			\$280.00	
		I	Basic Filing Fee	\$834.00

Reduction by 1/2 for small entity

Fee for recording Assignment

TOTAL

UTILITY PATENT

APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Attorney Docket No.

030932

First Named Inventor or Application Identifier

Takeki SHIRAI, Hidekazu MICHIOKA, Yuuichi KATAYAMA, Shigetoshi KOBUCHI and Makoto KUMADA

PAGE 3 OF 3

IJ	A check in the amount of \$ is enclosed to cover the filing fee of \$ and the assignment recordation fee of \$
[]	Please charge our Deposit Account No. 01-2340 in the total amount of to cover the filing fee and the assignment recordation fee. A duplicate of this sheet is attached.

[] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 01-2340. A duplicate of this sheet is attached.

18. CORRESPONDENCE ADDRESS:



PATENT TRADEMARK OFFICE

SUBMITTED BY

Typed or Printed Name // Stephen G. Adrian

Reg. No. 32,878

Signature /////

Date: August 20, 2003

ARMSTRONG, WESTERMAN & HATTORI, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357